

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. P23522	Serial No. 10/602,862					
O I P E SEARCHED OCT 21 2003 SEARCHED BY APPLICANT (Use several sheets if necessary)								Applicants Masami SHIRAI et al.						
								Filing Date June 25, 2003	Group Not Yet Assigned					
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
LDR		6	1	4	4	7	6	1	11/07/00	KANEKO et al.				
		6	3	0	4	6	6	9	10/16/01	KANEKO et al.				
		6	4	8	7	5	1	7	11/26/02	SAKAI et al.				
		6	6	0	0	5	1	1	09/29/03	KANEKO et al.				
		6	6	1	8	4	9	7	09/09/03	NAKAYAMA				
LDR		6	6	1	8	4	9	8	09/09/03	NAKAYAMA				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER				DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO			
LDR		1	1	3	2	5	8	8	3	11/26/99	JAPAN		X	
		1	1	3	3	7	3	3	6	12/10/99	JAPAN		X	
LDR		3	2	6	1	3	5	9		12/14/01	JAPAN		X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
LDR		1	English Language Translation of JP Appln. No. 11-325883.											
		2	English Language Translation of JP Appln. No. 11-337336.											
LDR		3	English Language Translation of JP Appln. No. 3-261359.											
		4	A portion of Sokia Update, July 2002, with an English Language Translation of the highlighted portion.											
EXAMINER	Luke Ravelle							DATE CONSIDERED	4/13/06					

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.